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DIALOG(R) File 351:Derwent WPI

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WPI Acc No: 1973-80295U/ 197352

Technical hydrofluoric acid purifn - to reduce arsenic content

Patent Assignee: CHEM REAGENTS AND ULTRAPU (CHE -N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
SU 379533	A					197352 B

Priority Applications (No Type Date): SU 1029864 A 19650925

Abstract (Basic): SU 379533 A

Technical HF is purified by treatment with potassium permanganate and mannitol followed by fractionation. The degree of purificn, can be increased by adding to the column still only the HF contg.  $\text{KMnO}_4$ , while an 0.2-0.4% permanganate soln. is fed to the bottom plate of the column and an 0.04-0.1% mannitol soln. to the top plate. The As content can be reduced to below  $5 \times 10^{-7}$  -  $1 \times 10^{-7}\%$  by this method.

Derwent Class: E36

International Patent Class (Additional): C01B-007/22

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WPI Acc No: 1983-781620/ 198340

Removing sulphur and arsenic from hydrogen fluoride - by passage of air or inert gas at room temp. at rapid rate

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